

Supplementary Table 1: Sex-adjusted least square means for PCS outcome by Activity Level and Year in School

Year and Activity Level	PCS Least Square Mean (SD)	p-value*
Freshman		
D1 athlete	55.66 (0.26)	0.99
Club athlete	54.87 (0.69)	0.99
Intramural player	54.72 (0.58)	0.99
Works out regularly	55.53 (0.33)	0.99
Physically inactive	55.92 (0.48)	Reference
Sophomore		
D1 athlete	55.01 (0.34)	0.99
Club athlete	56.82 (0.89)	0.76
Intramural player	55.85 (0.71)	0.99
Works out regularly	55.87 (0.39)	0.85
Physically inactive	54.44 (0.56)	Reference
Junior		
D1 athlete	54.73 (0.38)	0.99
Club athlete	55.93 (1.10)	0.99
Intramural player	56.00 (0.73)	0.99
Works out regularly	55.82 (0.37)	0.99
Physically inactive	55.59 (0.60)	Reference
Senior		
D1 athlete	53.67 (0.42)	0.99
Club athlete	56.54 (0.94)	0.11
Intramural player	55.06 (0.80)	0.81
Works out regularly	55.51 (0.38)	0.03
Physically inactive	52.86 (0.61)	Reference

*all p-values adjusted for multiple comparisons using tukey-kramer adjustments

Supplementary Table 2: Sex-adjusted least square means for MCS outcome by Activity Level

Covariate	N	MCS Mean (SE)	p-values
Activity Level			
D1 athlete	842	55.46 (0.34)	<0.001
Club athlete	122	45.74 (0.89)	<0.001
Intramural player	193	45.46 (0.70)	<0.001
Works out regularly	705	44.04 (0.39)	<0.001
Physically Inactive	302	41.39 (0.57)	REF

*all p-values adjusted for multiple comparisons using tukey-kramer adjustments